

Title (en)

ROTATING BODY FOR APPLYING PRESSURE, MANUFACTURING METHOD FOR SAME, AND HEATING DEVICE

Title (de)

ROTATIONSKÖRPER ZUR DRUCKANWENDUNG, HERSTELLUNGSVERFAHREN DAFÜR UND ERWÄRMUNGSVORRICHTUNG

Title (fr)

CORPS TOURNANT POUR APPLICATION DE PRESSION, SON PROCÉDÉ DE FABRICATION ET DISPOSITIF CHAUFFANT

Publication

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Application

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- JP 2014003389 A 20140110
- JP 2014000129 W 20140114

Abstract (en)

[origin: US2014301763A1] The present invention relates to a pressure rotating member which achieves the shortening of a warm-up time while suppressing a non-recording material-contacting area's temperature rise. The pressure rotating member which is used in a thermal fixing apparatus includes: a substrate; and an elastic layer that is formed on the substrate and has a void, wherein the elastic layer contains a needle-shaped filler, wherein the needle-shaped filler has such a thermal conductivity λ_1 of the elastic layer in a direction along a rotary axis of the pressure rotating member as to be 6 times or more and 900 times or less of a thermal conductivity λ_2 of the elastic layer in a thickness direction.

IPC 8 full level

G03G 15/20 (2006.01)

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Citation (search report)

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- [Y] EP 2410385 A1 20120125 - CANON KK [JP]
- [Y] US 2004132597 A1 20040708 - SAKAKIBARA HIROYUKI [JP], et al
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